

AMENDMENTS TO THE CLAIMS

Claims 1-21. (Cancelled)

22. (Previously Presented) A method for recording data on an optical recording medium, comprising the steps of:

reading out a reference recording condition recorded on an optical recording medium;
recording test data while varying a recording condition with respect to the reference recording condition;

determining an optimum recording power, based on reproduction characteristics of the test data; and

recording a recording condition data including the optimum recording power, recorder identification, recording speed and write strategy on a specific area of the optical recording medium,

wherein the specific area of the optical recording medium is a lead-in area or an area inner than the lead-in area of the optical recording medium.

23. (Canceled)

24. (Previously Presented) The method of claim 22, wherein the specific area includes respective lead-in areas of sessions of the optical recording medium.

25. (Previously Presented) The method of claim 22, wherein the recording condition data is recorded repeatedly on the specific area.

26. (Previously Presented) The method of claim 22, wherein the recording condition data further includes a synch code.

27. (Previously Presented) The method of claim 22, wherein the recording condition data further includes a classification data to identify the recording condition data.

28. (Previously Presented) A method for recording data on an optical recording medium, comprising the steps of:

reading out a reference recording condition recorded on an optical recording medium;
recording test data while varying a recording condition with respect to the reference recording condition and a predetermined recording speed;

determining an optimum recording power, based on reproduction characteristics of the test data; and

recording a recording condition data including the optimum recording power for the specific recording speed and write strategy for the specific recording speed to be used or used to record data, on a specific area of the optical recording medium,

wherein the specific area of the optical recording medium is a lead-in area or an area inner than the lead-in area of the optical recording medium.

29. (Cancelled)

30. (Previously Presented) The method of claim 28, wherein in the step of recording the recording condition data, recording condition data for different recording speeds is recorded on the specific area.

31. (Previously Presented) The method of claim 30, wherein in the step of recording the recording condition data, the recording condition data for different recorder Ids is recorded on the specific area.

32. (Previously Presented) The method of claim 31, wherein the recording condition data further includes a classification data to identify the recording condition data.

33. (Previously Presented) The method of claim 28, wherein the recording condition data further includes a synch code.

34. (Previously Presented) The method of claim 28, wherein the recording condition data further includes a recorder ID identifying a device where the recording is performed.

35. (Previously Presented) The method of claim 28, wherein the recording condition data further includes a classification data to identify the recording condition data.

36. (New) The method of claim 22, wherein the recording speed is at least one of a plurality of recording speeds.